January 8, 2007 DEP Rm 140 7:00 pm-8:45 pm

| 7.00 pm-0.43 pm | | | | |
|---|---------|----------|--------------------------------------|--|
| Member and affiliation | Present | | Others in attendance and affiliation | |
| Member and anniation | Yes | No | Others in attenuance and armation | |
| Charlie Andrews, Chair, scientific/academic | ✓ | | | |
| Jill Coutts, scientific/academic | ✓ | | | |
| Kay Fulcomer, public-at-large | ✓ | | | |
| Todd Greenstone, agricultural | | ✓ | | |
| Scott Kauff, public-at-large | ✓ | | | |
| Lonnie Luther, agricultural | ✓ | | | |
| David Merkin, business | | ✓ | | |
| Glenn Moglen, scientific/academic | ✓ | | | |
| Fred Phillips, public-at-large | | ✓ | | |
| David Plummer, agricultural | | ✓ | | |
| Dusty Rood, business | ✓ | | | |
| Larry Silverman, Vice-Chair, environmental | ✓ | | | |
| Mike Smith, environmental | ✓ | | | |
| Meo Curtis, DEP | ✓ | | | |
| Doug Redmond, MNCPPC | ✓ | | | |
| Terry Valentine, WSSC | ✓ | | | |

| Agenda Item | Action | | |
|---|---|--|--|
| 1. Open Discussion (5 minutes) | Chair Andrews inquired about the status of DEP appointments. Ms. Curtis informed the group that Fariba Kasiri, Assistant CAO, had been appointed as Acting Director and Steve Shofar, formerly of WSSC had joined as Watershed Management Division Chief. Other items noted were: recent Washington Post article on difficulty in achieveing the Bay restoration goal; in the WSSC's speaker bureau and 'Cease the Grease' campaign; and the City of Takoma Park Green Building Conference. | | |
| 2. Welcome, approval of agenda and November meeting summary. Chair Andrews. (5 minutes) | The WQAG approved the draft November meeting summary with corrections on date of next meeting and addition of David Merkin as a business representative. Mr. Merkin had been appointed in October 2006, had resigned verbally and via e-mail to Mr. Andrews, but had not yet officially resigned with the Executive Appointments office. | | |
| 3. Bacteria in surface water (80 minutes) Kathy Brohawn and Dinorah Dalmasy | Ms. Brohawn provided a presentation to address questions forwarded to MDE by Chair Andrews. Her presentation covered how coliform standards are set, how risks to human health are assessed, and how the standards are used. She noted that coliform concentrations were consistently above the standard during storm events and frequently above the standard during dry weather. Much of the 'source tracking' data confirmed significant contributions from wildlife sources, which were usually deemed to be 'uncontrollable'. She noted that there was no known correlation between coliform concentrations and non-coliform pathogens such as Girardia and cryptosporidium and that appropriate caution should always be followed after coming into contact with stream water. The WQAG spent some time in additional discussion about coliform in County streams including how to asses the health hazards in streams and how to best inform the public. While posting signs provides notification right at the site, concerns were raised about too many signs overemphasizing the risk or losing impact. | | |
| 4. Annual Report and Topics for next meeting (5 minutes) | Chair Andrews asked the WQAG members to review and provide comments to him on the draft report. | | |
| Agenda for next meeting: Additional discussion on wildlife sources of coliform. | | | |

Meeting was adjourned at <u>9 p.m.</u>
Next meeting: <u>February 12, 2007</u>
Meeting summary prepared by <u>Meo Curtis, DEP</u>

February 12, 2007 DEP Rm 140 7:00 pm-9:00 pm

| Member and affiliation | Present | | Odl ! |
|---|---------|----|--------------------------------------|
| Member and anniation | Yes | No | Others in attendance and affiliation |
| Charlie Andrews, Chair, scientific/academic | ✓ | | |
| Jill Coutts, scientific/academic | ✓ | | |
| Kay Fulcomer, public-at-large | | ✓ | |
| Todd Greenstone, agricultural | | ✓ | |
| Scott Kauff, public-at-large | ✓ | | |
| Lonnie Luther, agricultural | | ✓ | |
| Glenn Moglen, scientific/academic | | ✓ | |
| Fred Phillips, public-at-large | ✓ | | |
| David Plummer, agricultural | | ✓ | |
| Dusty Rood, business | | ✓ | |
| Larry Silverman, Vice-Chair, environmental | ✓ | | |
| Mike Smith, environmental | ✓ | | |
| Meo Curtis, DEP | ✓ | | |
| Doug Redmond, MNCPPC | ✓ | | |
| Terry Valentine, WSSC | ✓ | | |

| Agenda Item | Action |
|---|---|
| | Chair Andrews welcomed all at about 7:05 p.m. He then invited other members to bring up items of general interest. |
| Welcome and Open | • Mike Smith presented information about status of sanitary sewer overflows and next steps of community groups in the Sligo Creek watershed. He mentioned that the Silver Spring Advisory Board had drafted a letter to send to WSSC and the County about the need for better notification to the general public about overflows and more monitoring. Mr. Smith also mentioned that a 'bottle bill' was being considered by the State House. There was some limited discussion about supporting a bottle bill, including concerns about affecting recycling rate. |
| Discussion (5 minutes) | Jill Coutts was asked about the Schools' Green Career Program. This was developed as part of the Technical Curriculum, with an intent to lead to a Certified Professional Horticulturist. |
| b s | Chair Andrews asked about a recent newspaper article on the decline in Little Falls. Both Meo Curtis of DEP and Doug Redmond of MNCPPC felt that conditions had been very poor in Little Falls for decades and that the watershed needed significant stormwater management to address the storm volume as well as poor water quality. |
| | Chair Andrews mentioned the Alliance for the Bay newsletter as a good source on current environmental issues in the region. The Bay Journal can be found at: http://www.acb-online.org/pubs.cfm |
| Approval of agenda and January meeting summary. | There was no quorum (8 members) at the meeting and no approval possible. |
| 3. Other items | Ms. Curtis mentioned the Community Charrette on March 10th to present the DEP Rainscapes Program. Jill Coutts volunteered to represent the WQAG at the workshop. |
| 5. Other items | Chair Andrews mentioned the Annual Meeting with the Executive on March 1. He could not attend and therefore had asked Dusty Rood to participate in his place. Vice-Chair Silverman will also participate |

Agenda topics for next meetings (based on value vote of those present): Schools and environmental compliance; Quantity control/LID; public outreach (what are other jurisdictions doing?) .

WQAG MEETING SUMMARY--DRAFT

March 12, 2007 DEP Rm 140 7:00 pm-9:00 pm

| Marshan and affiliation | Present | | 0.41 1 44 1 1 60011 41 |
|---|---------|----|--------------------------------------|
| Member and affiliation | Yes | No | Others in attendance and affiliation |
| Charlie Andrews, Chair, scientific/academic | ✓ | | Steve Shofar, DEP |
| Jill Coutts, scientific/academic | ✓ | | Mark Symborski, MNCPPC |
| Kay Fulcomer, public-at-large | ✓ | | |
| Todd Greenstone, agricultural | | ✓ | |
| Scott Kauff, public-at-large | ✓ | | |
| Lonnie Luther, agricultural | ✓ | | |
| Glenn Moglen, scientific/academic | ✓ | | |
| Fred Phillips, public-at-large | ✓ | | |
| David Plummer, agricultural | ✓ | | |
| Dusty Rood, business | ✓ | | |
| Larry Silverman, Vice-Chair, environmental | ✓ | | |
| Mike Smith, environmental | ✓ | | |
| Meo Curtis, DEP | ✓ | | |
| Doug Redmond, MNCPPC | ✓ | | |
| Terry Valentine, WSSC | ✓ | | |

| Agenda Item | Action |
|--|---|
| | Chair Andrews welcomed all and asked those present to introduce themselves to Steve Shofar, DEP-WMD, Division Chief. |
| 2. Presentation on DEP-WMD, Steve Shofar, Division Chief | 2. Lacking a quorum at 7:15 p.m., Chair Andrews proceeded with the presentation. Mr. Shofar became the Chief of Watershed Management Division (WMD) in December. He addressed three major points in his presentation: WMD organization and function; Special Protection Area Report (SPA) 2005 and program status; and WMD LID public facility projects. For the SPA status, he noted that staff desired to change the regulations to allow DEP to handle all of the required monitoring, including that currently directly managed by the developers. This is proposed because of quality control and report submission problems encountered with the current process. While SPA monitoring has been underway for more than 10 years, only recently have development projects moved into the post-development phase and begun to provide post-construction data. The data collected on BMPs show that sediment and erosion control BMPSs at best keep 75% of sediment from leaving a construction site. The streams shows degradation during construction, but these impacts seem related to land disturbance and construction-related sedimentation and may lessen or disappear once the sites have been stabilized for some time in the post-construction phase. The WQAG expressed a number of concerns including: 1. No predictor of which BMPs will work despite over 10 years of data 2. No assurance that stream systems with construction impacts will show recovery 3. Desire for more monitoring of innovative BMPs at public facilities 4. Lack of confidence in long-term effectiveness of stream restoration without significant upstream quantity control Mr. Shofar reiterated that there was limited amount of available post-construction to judge stormwater BMP and stream restoration effectivessess. He also noted that the cost of monitoring requires careful |

Meeting was adjourned at 9 p.m. Next meeting: <u>April 9, 2007</u>

WQAG MEETING SUMMARY--DRAFT

| Agenda Item | Action |
|--|---|
| | selection of projects to avoid too many complicating factors which may interfere with being able to make clear conclusions. He also noted that monitoring needs to occur over a multi-year timeframe to assure that year-to-year weather variations are taken into account. |
| 3. Approval of agenda and February meeting summary. Chair Andrews. (5 minutes) | The WQAG approved the agenda and the February meeting summary. |
| 4. Road Code changes, Dusty Rood | Dusty noted that the County Council was considering legislation to make significant changes in the road code which would give the Council and Planning Board more direct implementation authority. Traditionally, the Planning Board provided direction for where roads should go through the Master Planning process while the Executive Branch was responsible for developing technical standards on road design and construction. Ms. Curtis noted that the DPWT, DPS, and DEP had met in facilitated sessions to develop consensus-based Executive Branch comments on the proposed changes. These will be generally available at the time of the first Transportation and Environment Committee work session on the Road Code Bill. This is scheduled for March 20th. |
| 5. Meeting with Executive, Vice- Chair Silverman and Dusty Rood | Vice-Chair Silverman and Dusty Rood summarized the meeting with Executive Leggett. They had used the outline of points developed by Chair Andrews and approved by the WQAG. They had mentioned their interest in the work of the Clean Water Task Force, the issue of making schools more 'Green', the need for regional coordination, and for continued political support for environmental initiatives. Vice-Chair Silverman felt that Mr. Leggett had expressed support for the need for regional coordination. The WQAG then discussed how to follow up on the issues presented to the Executive. There was acknowledgement of the need to focus on a few |
| | issues and to increase members knowledge level on those issues. Two options to achieve this were more speakers and independent research by members. |
| 6. Geese Management. Mike Smith | The WQAG continued discussion from previous months on geese management. Mike Smith felt that there was clear consensus on the adverse impacts associated with unmanaged geese populations, but uncertainty about the most effective control measures. These impacts affect the environment and agriculture, and potentially human health. Doug Redmond passed out information from the Department of Parks on results from the goose egg 'addling' program, which disrupts the eggs and prevents them from hatching but which keeps the mother goose on the nest and from laying another brood. The WQAG decided that it needed more information and will bring in speakers to discuss the effectiveness of other County wildlife management initiatives (e.g. Deer Management Task Force). |
| Agenda topics for next meeting: | Geese management; canoe trip in June. |

Meeting was adjourned at 9 p.m.

Next meeting: <u>April 9, 2007</u>

Meeting summary prepared by <u>Meo Curtis, DEP</u>

April 9, 2007 DEP Rm 140 7:00 pm-9:00 pm

| 7.00 pm 5.00 pm | | | |
|---|---------|----|--------------------------------------|
| Member and affiliation | Present | | Odl |
| Member and anniadon | Yes | No | Others in attendance and affiliation |
| Charlie Andrews, Chair, scientific/academic | ✓ | | Rob Gibbs, MNCPPC Parks |
| Jill Coutts, scientific/academic | ✓ | | Mary Symborski, MNCPPC Planning |
| Kay Fulcomer, public-at-large | ✓ | | Steve Meyers, Md WFA |
| Todd Greenstone, agricultural | | ✓ | |
| Scott Kauff, public-at-large | | ✓ | |
| Lonnie Luther, agricultural | | ✓ | |
| Glenn Moglen, scientific/academic | ✓ | | |
| Fred Phillips, public-at-large | ✓ | | |
| David Plummer, agricultural | ✓ | | |
| Dusty Rood, business | | ✓ | |
| Larry Silverman, Vice-Chair, environmental | | ✓ | |
| Mike Smith, environmental | ✓ | | |
| Meo Curtis, DEP | ✓ | | |
| Doug Redmond, MNCPPC | ✓ | | |
| Terry Valentine, WSSC | ✓ | | |

| Agenda Item | Action |
|---|--|
| Deer Management Strategy and | There was no quorum at 7:10 so the Chair moved to presentations. Mr. Gibbs went over the process used to develop a management plan for white-tailed deer. This began in 1994 with a Task Force and Advisory Committee of agencies and experts. This led to a work plan among the agencies and with the agricultural community which led to recommendations that DNR change its regulations. The plan included use of metrics such as number of deer-vehicle accicents and agricultural losses attributable to deer browse, as well as results from deer exclosure experiments. Mr. Gibbs felt that the deer management plan has been successful close to the management areas, as evideneced by a dramatic drop in deer-vehicle collision near parks with managed hunts. |
| Potential Application for Geese Management. Rob Gibbs, MNCPPC | He acknowledged that some County areas may have geese management issues, specific to resident (non-migrating) geese. These included ponds, golf courses, and wetland plantings. The MNCPPC Parks conducts geese management as necessary by oiling and shaking the eggs which kills the chick. The goose will continue to sit on the egg however rather than laying additional eggs. The Parks Department has also adopted regulations to enforce 'Don't Feed the Geese' postings. |
| | There followed significant discussion among Water Quality Advisory Group members and guests about the geese management problem and next steps. Mr. Smith agreed to modify the existing draft letter to the Executive to reflect points raised during the discussion, in particular, a recommendation that a regionwide geese management plan should be considered and that perhaps management needs for all nuisance wildlife (including coyotes) should also be considered. The revised letter would be circulated for final comments by the WQAG. |
| 2. Miscellaneous | There was no quorum by 8:30 p.m. so all action items had to be deferred. The WQAG discussed results of the recent Potomac River Clean up, particularly number of plastic bags and recyclable containers that were found and the need for more community involvement. |
| M. di ali ali ali ali | Ms. Coutts provided an overview of the Rainscapes Community Workshop |

Meeting was adjourned at 9 p.m.

| Agenda Item | Action |
|-------------|---|
| | held on March 10th. This was well-received by all participants and there was obviously much community interest in getting more projects underway for residential stormwater management. |
| | Ms. Curtis gave an update on the Clean Water Task Force. The final report was due out by the end of the month with recommendations for near term (into next fiscal year) and long-term (beyond next fiscal year) actions. |
| | Ms. Fulcomer mentioned that the WQAG will hold its June meeting on Seneca Creek for a canoe/kayak trip down to the Potomac. That meeting will begin at 6:00 p.m. at Riley's Lock. |

Meeting was adjourned at 9 p.m. Next meeting: <u>May 14, 2007</u> Meeting summary prepared by <u>Meo Curtis, DEP</u>

May 14, 2007 **DEP Rm 140** 7:00 pm-9:00 pm

| | Present | | <u> </u> |
|---|---------|----|--------------------------------------|
| Member and affiliation | Yes | No | Others in attendance and affiliation |
| Charlie Andrews, Chair, scientific/academic | ✓ | | Mark Symborski, MNCPPC Planning |
| Jill Coutts, scientific/academic | ✓ | | Ed Murtagh, Friends of Sligo Creek |
| Kay Fulcomer, public-at-large | ✓ | | |
| Todd Greenstone, agricultural | | ✓ | |
| Scott Kauff, public-at-large | | ✓ | |
| Lonnie Luther, agricultural | ✓ | | |
| Glenn Moglen, scientific/academic | | ✓ | |
| Fred Phillips, public-at-large | | ✓ | |
| David Plummer, agricultural | ✓ | | |
| Dusty Rood, business | | ✓ | |
| Larry Silverman, Vice-Chair, environmental | ✓ | | |
| Mike Smith, environmental | ✓ | | |
| Meo Curtis, DEP | ✓ | | |
| Doug Redmond, MNCPPC | ✓ | | |
| Terry Valentine, WSSC | ✓ | | |

| Agenda Item | Action |
|---|--|
| 1. Introduction | No quorum at 7:05 p.m. Began with introductions of WQAG and guests. |
| 2. Ed Murtagh, Friends of Sligo Creek (FOSC) | Mr. Murtagh had been invited by Chair Andrews to give insights on water resources protection needs from a watershed group perspective. Mr. Murtagh provided background on the FOSC, as having 30-50 very active members but up to 600 showing up for clean up activities. Mr. Murtagh is Chair of the Stormwater Committee and steward of one of the Sligo Creek reaches. Most of his duties are associated with stormwater management and much with establishing partnerships with other groups and county agencies, and particularly schools. Chair Andrews developed a summary of Mr. Murtagh's discussion points, |
| | included as Attachment 1. |
| Geese Management letter. Mike Smith. | Mr. Smith had previously distributed the final draft of the letter to the County Executive advocating for the development of a regional geese management plan. All WQAG members agreed to the proposed language but since there was not a quorum, no official action could be taken. The letter will be considered at the June WQAG meeting. |
| 4. Quorum issue. Meo Curtis | Ms. Curtis suggested that the WQAG change the definition of a quorum to a majority of current members in good standing, not considering any vacant positions. The WQAG have no by-laws of their own, but followed Robert's Rules of Order. Vice-Chair Silverman volunteerd to review Roberts' Rules of Order for possible alternative language to deal with some of the voting/proxy/quorum issues. |
| 5. Canoe Trip on Seneca, June 11Kay Fulcomer | Ms. Fulcomer provided details of the canoe trip on the Seneca, including safety tips for novice paddlers. She requested that members should confirm their intent to participate as soon as possible because she had to make arrangements for sufficient canoes/kayaks. There is a picnic area at the take-out site so there will be a brief business meeting after the paddle. |

| Agenda Item | Action |
|------------------|--|
| 6. Miscellaneous | Ms. Coutts advocated a trip on the Northwest Branch Trail, a bit of wilderness in a very urban area. |

Agenda topics for next meeting: Chair Andrews asked the WQAG to consider how the group uses the information that is conveyed at their monthly meetings. Who else is this information dissseminated to? He also asked the WQAG to consider how Montgomery County can become a 'green' county.

ATTACHMENT 1. NOTES FROM CHAIR ANDREWS.

Priorities

I had asked Ed to discuss water quality priorities for DEP/Executive. His list:

- Enforcement of existing codes (dumping, forest preservation, sediment control). His
 observation is that when citizens bring violations to attention of agency folks/police that
 northing happens.
- More street sweeping;
- Numeric standards (for example, TDML's for County streams)

Support of Community Based Watershed Groups

I had asked Ed to discuss support that the County could provide to support groups such as Friends of Sligo Creek. He noted that there are sources of funding for watershed groups but most grantees like partnerships. DEP is an ideal candidate to partner with County watershed groups but for legal reasons I can't understand this is not possible. It would be great if some of the great legal minds on the WQAG (Larry, Fred, Scott) could decipher this issue and find some creative way for the DEP to be able to partner with watershed groups.

Visibility of the WQAG

I also asked Ed to comment on how the WQAG could increase its visibility. He noted that the WQAG has little visibility and he didn't even know about the group until Mike Smith became a member. This seems to be a big problem. Ed suggested that we should have an active web site to share information with other groups and that WQAG should provide support to existing groups. At a future meeting, I think we should examine critically what the WQAG can do to increase its visibility and its outreach to those in the County who are actively involved as concerned citizens in water-quality issues.

I think that the WQAG needs to work harder to network with others in the County that are actively involved in watershed issues and the WQAG needs to take a leadership role in promoting/utilizing techniques such as rain gardens and rain barrels. I understand that it would be a lot of work, but I think it would be very useful to every so often (maybe every other year) to have a 5-6 hour meeting in which all who are actively involved (and anyone else who is interested) are invited to discuss water quality issues in the County. This would serve to keep all up to date on what is happening in the County and hopefully would provide good opportunities for networking and provide a big picture view to all of water quality conditions in the County A very rough agenda for such a meeting would be:

Meeting was adjourned at 9 p.m. Next meeting: <u>June 11, 2007</u> Meeting summary prepared by <u>Meo Curtis</u>, <u>DEP</u>

The State of Water Resources in Montgomery County

Introduction

The Need for Creative Solutions – Perspective of a Council Person Nancy Floreen

County Programs

Quality of Surface-Water Resources in 2006-2007

Monitoring System – physical and biological

Stream flows in 2006 – average and peak flows – trends in peak flows

Overview of Biological Conditions

Groundwater Conditions in 2006-2007 (levels, quality, long-term trends)

Stream Restoration Status – Accomplishments in 2006-2007 and Future Work

NPDES Permit -- Overview of Activities and Significant Results

Special Protection Areas --

Low-Impact Development Initiatives

Rain Barrels and Rain Gardens

Clean-Water Task Force – progress in interagency cooperation

ICC – State of the Art Water-Quality Protection Features

Watersheds Organizations (number of members, state of the watershed, significant projects undertaken during the year, future plas)

Friends of Sligo Creek

Friends of Northwest Branch

Anacostia Watershed Society

Friends of Rock Creek

Friends of Cabin John

Stormwater Partner's Coalition –

Interstate Commission on Potomac River Basin

Potomac Conservancy

Feedback on this idea much appreciated and other ideas to accomplish the same objective much appreciated. In part, if some a meeting/workshop could be organized, many of the presentations that are currently made to WAG at our monthly would occur during this workshop/meeting and thus speakers would have a bigger audience and WQAG's monthly meetings could be more focuses on establishing priorities and recommendations for the executive.

June 11, 2007 Calleva

13017 Riley's Lock Road, Poolesville MD 20837 (Riley Lock Rd at mouth of Seneca Creek on the Potomac River)

5:45 – 8:45 p.m.

| Momban and affiliation | Present | | 0.4 |
|---|---------|----|--------------------------------------|
| Member and affiliation | Yes | No | Others in attendance and affiliation |
| Charlie Andrews, Chair, scientific/academic | ✓ | | Eddie Franceschi, MSCD |
| Jill Coutts, scientific/academic | ✓ | | |
| Kay Fulcomer, public-at-large | ✓ | | |
| Todd Greenstone, agricultural | | ✓ | |
| Scott Kauff, public-at-large | ✓ | | |
| Lonnie Luther, agricultural | | ✓ | |
| Glenn Moglen, scientific/academic | ✓ | | |
| Fred Phillips, public-at-large | | ✓ | |
| David Plummer, agricultural | ✓ | | |
| Dusty Rood, business | ✓ | | |
| Larry Silverman, Vice-Chair, environmental | ✓ | | |
| Mike Smith, environmental | ✓ | | |
| Meo Curtis, DEP | ✓ | | |
| Doug Redmond, MNCPPC | ✓ | | |
| Terry Valentine, WSSC | ✓ | | |

| Agenda Item | Action | | |
|--------------------------------------|---|--|--|
| 1. Canoe Trip | Canoe Trip on lower Seneca Creek from 6:15 to 7:15 p.m. Karen Seibert Outdoor Programs Director for Calleva, Inc. provided some background and interpretation about the Creek and its resources | | |
| 2.Follow up discussion | Member comments included 1) some areas of brown algae, bottom deposition; 2) water intake visible on Virginia side of Potomac; and 3) appreciation to Calleva. Karen Seibert mentioned the variety of programs available from Calleva for youth education on the water, with the goal of creating enjoyable activities that foster stewardship. | | |
| 3. Meeting Summaries. | The Agenda and March, April, and May summaries were approved. | | |
| Geese Management letter. Mike Smith. | The letter was approved with minor punctuation changes by Scott Kauff and Mike Smith. Chair Andrews agreed to finalize the letter and assure distribution. | | |
| 4. Regional Issues | Larry Silverman noted that he felt Executive Leggett had asked for input on regional water quality issues. He agreed to identify specific issues for the water quality's consideration. | | |
| 5. Elections | This was the last meeting of Charlie Andrews with the Water Quality Advisory Group. Larry Silverman was nominated for Chair and Dusty Rood was nominated for Vice-Chair. Both were elected unanimously. Larry agreed to coordinate with Ted Graham, COG, for the July WQAG meeting. | | |
| Agenda topics for next meeting: | | | |

Meeting was adjourned at 9 p.m. Next meeting: July 16, 2007